

Table 5-6. Concentration of COCs Detected in Area C Surface Soils

Analyte	# of Samples Collected	# of Detections	Range of Detections	Mean ^{1/} Value	Median ^{2/} Value	Standard ^{3/} Deviation
Dioxin/Furan as 2,3,7,8-TCDD (TEQ)(ng/kg)	5	5	16.21-219.55	83.05	70.10	81.78
TCLP Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (ng/kg)	1	1	3.78	na	na	na
TOC (%)	6	6	1.17-5.46	2.81	1.47	2.05
Metals (mg/kg)						
Arsenic	5	5	9 C-41 C	18.8	15	13
Barium	5	5	39-87	64	69	19.6
Cadmium	5	5	0.7 J-3	1.3	1.0	0.9
Chromium	5	5	43-60	49.9	50.5	7.2
Copper	5	5	42-123	93.2	92	33.1
Lead	5	5	16 C-100 C	51.7	51.5	31.2
Mercury	5	5	0.1 J-0.2 J	0.1	0.1	0.08
Nickel	5	5	36-79	51.4	52	17.4
Zinc	5	5	117-591	366	396	175.5
TCLP Metals (mg/L)						
Barium	1	1	0.6	na	na	na
Cadmium	1	1	0.03	na	na	na

Notes: TEQ = Toxicity equivalency quotient

MRL = Method reporting limit

J = Estimated concentration.

C = The MRL is elevated because the sample required diluting.

na = not applicable

1/ Sample arithmetic mean. Includes non-detect data assigned one-half the MDL.

2/ Sample median. Includes non-detect data assigned one-half the MDL.

3/ Sample arithmetic standard deviation. Includes non-detect data assigned one-half the MDL.